

**AMENDMENTS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims**

1-8. WITHDRAWN

9. (Previously Presented) A wound dressing comprising the sulfated polysaccharide according to claim 17, wherein the wound dressing is in the form of a woven, non-woven, sponge or knitted fabric.

10. (Previously Presented) A wound dressing comprising the sulfated polysaccharide according to claim 17, wherein the wound dressing is in the form of a solid complex with collagen.

11. WITHDRAWN

12. WITHDRAWN

13. CANCELED

14. WITHDRAWN

15. WITHDRAWN

16. CANCELED

17. (Currently Amended) A wound dressing comprising a synthetic sulfated polysaccharide, wherein the sulfated polysaccharide is selected from the group consisting of sulfated hydroxyethyl cellulose, sulfated carboxymethyl cellulose and sulfated oxidized regenerated cellulose, said synthetic sulfated polysaccharide being present in an amount sufficient to bind matrix metalloproteinases; and wherein at least one sulfate group on each saccharide residue of said synthetic sulfated polysaccharide was converted from a hydroxyl group.

***VIA ELECTRONIC FILING***

18. (New) A wound dressing comprising the sulfated polysaccharide according to claim 17, wherein from about 3 to about 4 sulfate groups on each saccharide residue of said synthetic sulfated polysaccharide was converted from a hydroxyl group.
19. (New) A wound dressing comprising the sulfated polysaccharide according to claim 17, wherein said synthetic sulfated polysaccharide is sulfated carboxymethyl cellulose.
20. (New) A wound dressing comprising the sulfated polysaccharide according to claim 17, wherein said synthetic sulfated polysaccharide is sulfated oxidized regenerated cellulose.
21. (New) A wound dressing comprising the sulfated polysaccharide according to claim 18, wherein said synthetic sulfated polysaccharide is sulfated carboxymethyl cellulose.
22. (New) A wound dressing comprising the sulfated polysaccharide according to claim 18, wherein said synthetic sulfated polysaccharide is sulfated oxidized regenerated cellulose.